

# **ZEUGNOMYIA GRACILIS LEICESTER (DIPTERA: CULICIDAE), A NEW GENUS AND SPECIES OCCURRENCE RECORD FROM THAILAND**

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**ABSTRACT.** The genus *Zeugomyia* Leicester and the type species of *gracilis* Leicester are reported from Thailand for the first time.

A single male of *Zeugomyia gracilis* Leicester, 1908 was reared from a pupa collected on 22 October 1988 from a fallen leaf axil found near the Krachong water fall, Amphoe Muang, Trang Province, in southern Thailand. This collection (number 8Dw0) also contained a single female of *Aedes* (*Scutomyia*) *albolineatus* (Theobald). The specimen of *Ze. gracilis* was identified to genus and species using the keys of Mattingly (1971) and Delfinado (1966). Adults of this species are easily recognized by the presence of dark scales on the lateral lobes of the scutellum, and the usual presence of silver scales on the midlobe. The other known species of this genus have silver scales on the lateral lobes and dark scales on the midlobe (Delfinado 1966).

*Zeugomyia gracilis* was originally described from Kuala Lumpur, Malaysia (Leicester 1908), and is reported to occur in Singapore (Edwards and Given 1928), Borneo (Edwards 1922) and the Philippines (Bohart 1945). It is not surprising to find this species in Trang Province which is located near the Malaysian border in southern Thailand.

Harrison et al. (1991) recently recorded 18 genera and 410 valid species/subspecies of Culicidae from Thailand. The new occurrence record reported here brings the total to 19 genera and 411 species/subspecies. The specimen on which this report is based is deposited in the Division of Medical Entomology, Department of Medical Sciences, Ministry of Public Health in Bangkok.

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